

# **Book to Bedside: Promoting & Sustaining EBP's in Elders.**

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## **BACKGROUND / RATIONALE:**

This 3-year study will test, using an experimental design, the effectiveness of an interdisciplinary intervention to promote translation of evidence into practice.

## **OBJECTIVE(S):**

Specific aims are:

Aim 1: To test the effect on nurse and physician behavior of an intervention designed to promote adoption of an evidence based guideline for acute pain management in the elderly.

Aim 2: To test the effect of an intervention designed to promote adoption in practice of evidence based guidelines on decreasing barriers to use of those guidelines in practice.

Aim 3: To determine the cost-effectiveness ratios of an intervention designed to promote adoption in practice of an evidence-based guideline for acute pain management in the elderly.

## **METHODS:**

Rogers model provides the conceptual framework for the intervention, which addresses characteristics of the Evidence-Based Guideline (EBG), the communication process, the users of the guideline, and the social system where it is implemented. Implementing an evidence-based guideline for Acute Pain Management in the Elderly will test the intervention. AHCPR guidelines, the National Guideline Clearinghouse, and Evidence-Based Practice Centers will be used in formulation of this EBG. Public-private partnerships have been established with 12 acute care hospitals in the Midwest. A stratified random sampling procedure will be used to assign hospitals to the E and C group. Because hospitals are "social units", they will be the unit of randomization with nurses, physicians, and medical records of hip fracture patients greater than 65 years of age being the units of analyses. Primary dependent variables are rate and extent of adoption of the EBG, barriers to use of the EBG, and cost-effectiveness ratios of the intervention. Quantitative and qualitative approaches will be used in evaluating intervention effectiveness.

## **PUBLICATIONS:**

### **Journal Articles**

1. Ardery G, Herr K, Hannon BJ, Titler MG. Lack of opioid administration in older hip fracture

patients (CE). *Geriatric Nursing* (New York, N.Y.) 2003; 24: 353-360.

2. Ardery G, Herr KA, Titler MG, Sorofman BA, Schmitt MB. Assessing and managing acute pain in older adults: a research base to guide practice. *Medsurg Nursing : Official Journal of The Academy of Medical-Surgical Nurses* 2003; 12: 7-18.

3. Schmitt MB, Titler MG, Herr KA, Ardery G. Challenges of Web-based education in educating nurses about evidence-based acute pain management practices for older adults. *Journal of Continuing Education in Nursing* 2004; 35: 121-127.

4. Titler MG. Translation science: quality, methods and issues. *Communicating Nursing Research* 2004; 37: 15, 17-15, 34.

5. Titler MG, Herr K, Schilling ML, Marsh JL, Xie XJ, Ardery G, Clarke WR, Everett LQ. Acute pain treatment for older adults hospitalized with hip fracture: current nursing practices and perceived barriers. *Applied Nursing Research : ANR* 2003; 16: 211-227.

#### **Conference Presentations / Abstracts**

6. Titler MG. Evidence-Based Nursing at Iowa. *Evidence-Based Nursing: Theory, Research and Practice*. Daegu, South Korea 2004.

7. Titler MG. Translation Science: A Perspective on Experimental Designs. *Knowledge Utilisation 2004 (KU04) Conference*. Belfast, Ireland 2004.

8. Titler MG. Implementing Evidence-Based Practices - the Reality of Change: Communication is Key to Success.. *Sigma Theta Tau International 15th International Research Congress Workshop 'Promoting Adoption of Evidence-Based Practice: Beyond the Basics'*. Dublin, Ireland 2004.

9. Titler MG. Translating Research into Practice: A United States Perspective. *Sigma Theta Tau International 15th International Research Congress Pre Conference*. Dublin, Ireland 2004.

10. Titler MG. *Introduction to Evidence-Based Nursing Practice (Public Health Nursing Practice)*. University of Kentucky College of Nursing. Lexington, KY 2004.

11. Titler MG. What is the Quality of Evidence for Evidence-Based Practice?. *Kaiser Permanente 2nd Evidence-Based Practice Conference*. Pasadena, CA 2003.

12. Titler MG. *Translating Research: Changing Practice*. Center for Gerontological Nursing, University of Minnesota, Minneapolis, MN. Minneapolis, MN 2003.

13. Titler MG. *Evidence-Based Practice and Quality Improvement: New Names for Old Processes*. Florence Cellar Gerontological Conference. Cleveland, OH 2003.

14. Titler MG. *Methods and Issues in Translation Research*. Sigma Theta Tau International Biennial

Convention. Toronto, Ontario, Canada 2003.

15. Titler MG. Evidence-Based Practice Symposium Days 1 and 2. TriServices. Mobile, AL 2003.

16. Titler MG. Translating Evidence into Nursing Practices for Older Adult Care. Translating Evidence into Nursing Practices for Older Adult Care Sponsored by the National Gerontological Nursing Association and the University of Akron. Houston, TX 2003.

17. Titler MG. Evidence-Based Nursing in Nursing Education. Evidence-Based Nursing: Theory, Research and Practice. Daegu, South Korea 2004.

18. Titler MG. Evidence-Based Practice. Evidence-Based Practice Symposium, University of Detroit Mercy McAuley School of Nursing and St Joseph Mercy Oakland. Detroit, MI 2003.

19. Titler MG. Testing the Effectiveness of a Multifaceted Intervention for Translating Research Into Practice (Symposium). From Book to Beside: Acute Pain Management in the Elderly. Sigma Theta Tau International Biennial Convention. Toronto, Ontario, Canada 2003.

20. Titler MG. Implementing Evidence-Based Practices. University of Kentucky College of Nursing. Lexington, KY 2003.

21. Titler MG. Evidence-Based Nursing in Nursing Research - From Book to Bedside: Acute Pain Management in the Elderly. Evidence-Based Nursing: Theory, Research and Practice. Daegu, South Korea 2004.

22. Titler MG. Translation Research: Promoting Evidence-Based Practice. National Nursing Research Roundtable National Institute of Nursing Research and Oncology Nursing Society. Washington, DC 2004.

23. Titler MG. Promoting Evidence-Based Practices: Strategies and Implications. Nursing Practice Summit. Minneapolis, MN 2004.

24. Titler MG. Implementing Evidence-Based Practices - the Reality of Change: Users of the EBP. Sigma Theta Tau International 15th International Research Congress Workshop 'Promoting Adoption of Evidence-Based Practice: Beyond the Basics'. Dublin, Ireland 2004.

25. Titler MG. Taking the Lead. Sigma Theta Tau International 15th International Research Congress Workshop 'Promoting Adoption of Evidence-Based Practice: Beyond the Basics'. Dublin, Ireland 2004.

26. Titler MG. Statistics and Evidence-Based Practice. Sigma Theta Tau International 15th International Research Congress Workshop 'Promoting Adoption of Evidence-Based Practice: Beyond the Basics'. Dublin, Ireland 2004.